

Fw: Dissolved Metals data for Cement Creek/Animas

Sabrina Forrest to: Barry_Hayhurst

12/06/2011 05:59 PM

From: Sabrina Forrest/R8/USEPA/US

To: barry hayhurst

Barry, It looks like we had given this some thought already back in July. Please review all this so that you can move forward with putting the right pieces together to support that we do have dissolved metals data. Regarding a memo, I see START needing to put the FSP's appropriate table, field notes/logbook pages, photos, etc into a memo that cross references what is in the pen and ink changes to the Form Is. I expect START to do this memo and the pen and ink changes. If START can't or won't do the memo, then please provide me all the pieces to put together to get the memo done.

Sincerely,

Sabrina Forrest
Site Assessment Manager
U.S. Environmental Protection Agency
1595 Wynkoop Street, Mail Code: 8EPR-B
Denver, CO 80202-1129
Direct Ph: 303-312-6484
Toll Free: 1 800-227-8917, 312-6484
Fax: 303-312-6065
Agency Cell: 303-589-1286

E-mail: forrest.sabrina@epa.gov

NOTICE: The information contained in this e-mail is intended only for the use of the recipient(s) named above. This message and any attachments may contain confidential or privileged information. If the reader is not the intended recipient or an agent responsible for delivering it to the intended recipient, you have received this document in error and any review, dissemination, disclosure, distribution, use, or copying of the contents of this message is strictly prohibited. If you have received this communication in error, please notify me immediately by e-mail or telephone and destroy all copies of the original message and any attachments.

----- Forwarded by Sabrina Forrest/R8/USEPA/US on 12/06/2011 05:52 PM -----

From: Sabrina Forrest/R8/USEPA/US

To: "Chuck Baker" <chuck_baker@urscorp.com>

Cc: "Barry Hayhurst" <Barry_Hayhurst@urscorp.com>, Daniel Heffernan/R8/USEPA/US@EPA, Joni Sandoval/R8/USEPA/US@EPA, "Kent Alexander" <Kent_Alexander@urscorp.com>, megan_Adamczyk@URSCorp.com, "Rebecca Laramie" <rebecca_laramie@urscorp.com>

Date: 07/07/2011 03:17 PM

Subject: Re: Dissolved Metals data for Cement Creek/Animas

Chuck, I thought that START had a hand in ensuring that ESAT was able to do the analyses EPA needed and generate the CLP-like data package to support possible NPL listing documentation. That was why I thought START to ESAT communication to clarify the TREC vs. DM issue did not seem out of the realm of possibility.

I like the idea of your generating a memo to file with these emails attached and using pen and ink on the form 1's to change them from TREC to dissolved metals and submit them as part of the final report (an addendum to the data validation report). The HRS package will be able to document and reference the FSP, validation

reportwith addendum, and the memo/email to clarify the situation. Also, CSC and I spoke again about the lack of lab log-in and courier/tracking forms. We believe that it should be sufficient to have the COCs and logbooks as references and *if* we get comments on the pkg. related to those particular forms, then we may have more to do.

Thanks again for working to solve problems.

Sincerely,

Sabrina Forrest
Site Assessment Manager
U.S. Environmental Protection Agency
1595 Wynkoop Street, Mail Code: 8EPR-B
Denver, CO 80202-1129
Direct Ph: 303-312-6484
Toll Free: 1 800-227-8917, 312-6484
Fax: 303-312-6065
Agency Cell: 303-589-1286

E-mail: forrest.sabrina@epa.gov

NOTICE: The information contained in this e-mail is intended only for the use of the recipient(s) named above. This message and any attachments may contain confidential or privileged information. If the reader is not the intended recipient or an agent responsible for delivering it to the intended recipient, you have received this document in error and any review, dissemination, disclosure, distribution, use, or copying of the contents of this message is strictly prohibited. If you have received this communication in error, please notify me immediately by e-mail or telephone and destroy all copies of the original message and any attachments.

-----Chuck_Baker@URSCorp.com wrote: -----

To: Sabrina Forrest/R8/USEPA/US@EPA
From: Chuck_Baker@URSCorp.com
Date: 07/07/2011 01:42PM
Cc: "Barry Hayhurst" <Barry_Hayhurst@urscorp.com>, Daniel Heffernan/R8/USEPA/US@EPA, "Kent Alexander" <Kent_Alexander@urscorp.com>, megan_Adamczyk@URSCorp.com, "Rebecca Laramie" <rebecca_laramie@urscorp.com>, Joni Sandoval/R8/USEPA/US@EPA
Subject: Re: Dissolved Metals data for Cement Creek/Animas

Sabrina -

ESAT is not a subcontractor to us and we have no ability to control their data forms, or the contractual ability to direct them to do anything. We can certainly ask for the changes, but we may need you to work through Don Goodrich to direct them as EPA's contractor separate and apart from START. We have no control over their internal documentation (log in forms, tracking forms, etc) but we can ask for you.

We know that the samples were to be field filtered and preserved, and the method for analysis is identical from the lab's perspective.

From your e-mail below as I understand it you want us to create a record of communication with ESAT detailing that we have field filtered and preserved the samples with our sample ID's and ESATs lab ID's cross referenced with results. As an alternative, I would suggest making a memo to file with this email chain, a copy of the logbook indicating field filtering and preservation occurred as per sampling plan, and a cross reference of our sample location with the ESAT lab number. As well as a statement that all non-source water samples submitted to ESAT were dissolved metals.

Another alternative would be to do a pen and ink on the form 1's and change them from TREC to dissolved metals and submit them as part of the final report (an addendum to the data validation report). This seems consistent with a "data review" and a good clarification for everyone.

For the purposes of clarification, I would recommend both the memo to file and the pen and ink changes. This would likely be the most "cost effective" method of documenting the lab sheets for the Upper Animas Site are dissolved metals and not total recoverable metals. If you agree we will proceed down that road.

This e-mail and any attachments contain URS Corporation confidential information that may be proprietary or privileged. If you receive this message in error or are not the intended recipient, you should not retain, distribute, disclose or use any of this information and you should destroy the e-mail and any attachments or copies.

Sabrina Forrest
<Forrest.Sabrina@epa
mail.epa.gov>

07/07/2011 01:04 PM

To "Chuck Baker" <chuck_baker@urscorp.com>, "Barry Hayhurst" <Barry_Hayhurst@urscorp.com>
cc Daniel Heffernan <Heffernan.Daniel@epamail.epa.gov>, Joni Sandoval
<Sandoval.Joni@epamail.epa.gov>, "Kent Alexander" <Kent_Alexander@urscorp.com>,
megan_Adamczyk@URSCorp.com, "Rebecca Laramie" <rebecca_laramie@urscorp.com>
Sub Re: Dissolved Metals data for Cement Creek/Animas
ject

Barry, Thanks very much for working so hard to get this figured out for us. I spoke with CSC and we should have their more detailed review comments later this week and will need to be available for a call with CSC early next week. Their comments likely will mean another revision to the Quickscore.

Chuck, Thank you for assisting as well. I did not forget what the FSP called for; however the data forms are unclear and need to obviously show that we are looking at dissolved metals data. Since the forms are unclear, and it has created questions from our QA reviewers who regularly look at all types of data, we must assume that it would also create issues for others at EPA involved in the HRS package preparation as well as potential commenters to the HRS package. I need START to look into how to get those data forms to clearly show that the surface water data are not Total Recoverable, but are in fact dissolved metals data. A record of communication between START and ESAT may be one possible solution. It should call out that the FSP called for field filtering and acidification, that ESAT received filtered and preserved samples, and that all the aqueous samples' IDs and cross referenced lab IDs and their results, although they show TREC are in fact dissolved metals results. CSC and I also noticed that ESAT did not have lab log-in forms, nor references to courier or tracking forms; therefore sample integrity and authentication could not be verified. This may also be an issue for the QA reviewers; they are asking their chemist about its impact on an HRS package too. I may also need better documentation around these issues too.

Please call me if you have any questions. I am telecommuting today and may be reached via cell.
Sincerely,

Sabrina Forrest
Site Assessment Manager
U.S. Environmental Protection Agency
1595 Wynkoop Street, Mail Code: 8EPR-B
Denver, CO 80202-1129
Direct Ph: 303-312-6484
Toll Free: 1 800-227-8917, 312-6484
Fax: 303-312-6065
Agency Cell: 303-589-1286

E-mail: forrest.sabrina@epa.gov

NOTICE: The information contained in this e-mail is intended only for the use of the recipient(s) named above. This message and any attachments may contain confidential or privileged information. If the reader is not the intended recipient or an agent responsible for delivering it to the intended recipient, you have received this document in error and any review, dissemination, disclosure, distribution, use, or copying of the contents of this message is strictly prohibited. If you have received this communication in error, please notify me immediately by e-mail or telephone and destroy all copies of the original message and any attachments.

-----Chuck_Baker@URSCorp.com wrote: -----

To: Sabrina Forrest/R8/USEPA/US@EPA

From: Chuck_Baker@URSCorp.com

Date: 07/07/2011 10:07AM

Cc: Daniel Heffernan/R8/USEPA/US@EPA, Kent_Alexander@urscorp.com,

megan_Adamczyk@URSCorp.com, rebecca_laramie@urscorp.com, Joni Sandoval/R8/USEPA/US@EPA

Subject: Re: Dissolved Metals data for Cement Creek/Animas

(See attached file: 20110707085513.pdf)

Hi Sabrina -

Per the approved sampling plan all of the water samples collected were for dissolved metals. (see tables attached), total metals were only collected on the mine water source samples. I am having Berry verify the data, but I think you have recieved all the data, you just forgot that all metals samples collected from the streams were dissolved metals only.

This e-mail and any attachments contain URS Corporation confidential information that may be proprietary or privileged. If you receive this message in error or are not the intended recipient, you should not retain, distribute, disclose or use any of this information and you should destroy the e-mail and any attachments or copies.

Sabrina Forrest
<Forrest.Sabrina@epamail.epa.gov>

To Barry_Hayhurst@URSCorp.com

cc chuck_baker@urscorp.com, Daniel Heffernan <Heffernan.Daniel@epamail.epa.gov>, Joni Sandoval <Sandoval.Joni@epamail.epa.gov>, Kent_Alexander@urscorp.com,

07/06/2011 03:45 PM

07/06/2011 03:45 PM

megan_Adamczyk@URSCorp.com, rebecca_laramie@urscorp.com

Sub Re: Dissolved Metals data for Cement Creek/Animas
ject

Those documents were sent by Megan. Unfortunately, most of the dissolved metals sample locations were not included. Take a closer look at DG216, pages 1-3, which list all sample locations supposedly being analyzed for both total and dissolved. The supporting data forms are not in the subsequent pages.

Sincerely,

Sabrina Forrest
NPL Coordinator &
Site Assessment Manager
U.S. Environmental Protection Agency
1595 Wynkoop Street, Mail Code: 8EPR-B
Denver, CO 80202-1129
Direct Ph: 303-312-6484
Toll Free: 1 800-227-8917, 312-6484
Fax: 303-312-6065
Agency Cell: 303-589-1286

E-mail: forrest.sabrina@epa.gov

NOTICE: The information contained in this e-mail is intended only for the use of the recipient(s) named above. This message and any attachments may contain confidential or privileged information. If the reader is not the intended recipient or an agent responsible for delivering it to the intended recipient, you have received this document in error and any review, dissemination, disclosure, distribution, use, or copying of the contents of this message is strictly prohibited. If you have received this communication in error, please notify me immediately by e-mail or telephone and destroy all copies of the original message and any attachments.

From: Barry_Hayhurst@URSCorp.com
To: Sabrina Forrest/R8/USEPA/US@EPA
Cc: chuck_baker@urscorp.com, Daniel Heffernan/R8/USEPA/US@EPA,
Kent_Alexander@urscorp.com, megan_Adamczyk@URSCorp.com,
rebecca_laramie@urscorp.com, Joni Sandoval/R8/USEPA/US@EPA
Date: 07/06/2011 03:41 PM
Subject: Re: Dissolved Metals data for Cement Creek/Animas

I was able to locate the validated data report and I have forwarded it to Sabrina.

Somehow this document was not included in the draft ARR.

This e-mail and any attachments contain URS Corporation confidential information that may be proprietary or privileged. If you receive this message in error or are not the intended recipient, you should not retain, distribute, disclose or use any of this information and you should destroy the e-mail and any attachments or copies.

Sabrina Forrest
<Forrest.Sabrina@ep
aail.epa.gov>

07/06/2011 12:57 PM

Barry_Hayhurst@urscorp.com,
Kent_Alexander@urscorp.com

To

cc

chuck_baker@urscorp.com,
rebecca_laramie@urscorp.com,
megan_Adamczyk@URSCorp.com,
heffernan.daniel@epa.gov,
sandoval.joni@epa.gov

Subject

Dissolved Metals data for Cement Creek/Animas

All, Katharine Lima with CSC is helping me with technical support. She identified the lack of data forms and validated data for the majority of the dissolved metals results from surface water sampling information Megan sent me on CD, which I forwarded to CSC. Barry is trying to help

me out, but I want to be sure that START can find and forward to me ASAP all the dissolved metals data for ALL aqueous samples collected. Also, please confirm that they were validated and forward those reports.

I apologize if I have this somewhere, but I cannot locate it in what Megan sent me.

(See attached file: validation DG214.pdf) (See attached file: validation DG216.pdf)

Sincerely,

Sabrina Forrest
NPL Coordinator &
Site Assessment Manager
U.S. Environmental Protection Agency
1595 Wynkoop Street, Mail Code: 8EPR-B
Denver, CO 80202-1129
Direct Ph: 303-312-6484
Toll Free: 1 800-227-8917, 312-6484
Fax: 303-312-6065
Agency Cell: 303-589-1286

E-mail: forrest.sabrina@epa.gov

NOTICE: The information contained in this e-mail is intended only for the use of the recipient(s) named above. This message and any attachments may contain confidential or privileged information. If the reader is not the intended recipient or an agent responsible for delivering it to the intended recipient, you have received this document in error and any review, dissemination, disclosure, distribution, use, or copying of the contents of this message is strictly prohibited. If you have received this communication in error, please notify me immediately by e-mail or telephone and destroy all copies of the original message and any attachments. (See attached file: validation DG214.pdf) (See attached file: validation DG216.pdf) [attachment "validation DG214.pdf" deleted by Chuck Baker/Denver/URSCorp] [attachment "validation DG216.pdf" deleted by Chuck Baker/Denver/URSCorp]

[attachment "20110707085513.pdf" removed by Sabrina Forrest/R8/USEPA/US]